

Form EIA-1605

Voluntary Reporting of Greenhouse Gases



Energy Information Administration
U.S. DEPARTMENT OF ENERGY

Form Approved
OMB No. 1905-0194
Expiration Date: 05/31/01

Send completed forms to:

Voluntary Reporting of Greenhouse Gases Program
Energy Information Administration, EI-81
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

For more information or technical assistance, call 1-800-803-5182

Schedule I. Entity Information and Certification

1. Entity Information

Entity Name: _____
Street: _____ P.O. Box: _____
City: _____ State: _____ Zip: _____
Contact Name: _____
Title: _____
Tel.: (____) - _____ - _____ FAX: (____) - _____ - _____
E-Mail Address: _____

2. Entity Type

Select the category below that describes the entity:

- ☐ Individual or Family
- ☐ Partnership
- ☐ Corporation (*check all that apply*)
- ☐ Publicly traded (*provide stock ticker symbol: _____*)
- ☐ Privately held
- ☐ Non-profit
- ☐ Subsidiary (*identify parent: _____*)
- ☐ Government (*indicate level*)
- ☐ Federal
- ☐ State
- ☐ Regional
- ☐ Local
- ☐ Joint venture (*list partners or attach sheet: _____*)
- ☐ Trade Association (*specify*)
- ☐ Reporting on behalf of its members (*please attach list*)
- ☐ Reporting on its own projects(s)
- ☐ Limited Liability Company
- ☐ Other (*specify: _____*)

3. Geographic Scope of Activities

Please check one of the following:

- ☐ U.S. Only
- ☐ U.S. and Foreign
- ☐ Foreign Only

List all foreign countries in which activities are located (*use codes in Appendix F*):

4. SIC Code

Identify the primary two-digit Standard Industrial Classification (SIC) code for the entity (*SIC codes are located in Appendix G*):

Primary SIC: _____

5. Confidentiality

Check box if applicable:

- ☐ This report contains confidential information.

(If you are claiming confidentiality, you may include a letter explaining, on an element-by-element basis, why the information would be likely to cause you substantial competitive harm if publically released. See pages 2 and 7 of the Instructions for more information on confidentiality.)

6. Certification

I certify that the information reported on this form is accurate to the best of my knowledge and belief.

Certifying Official's Name: _____

Title: _____ Tel.: (____) - _____ - _____

Signature: _____ Date: _____

Supplementary Information:

Schedule II. Project-Level Emissions and Reductions

Section 1. Electricity Generation, Transmission, and Distribution

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):

☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____

☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):

☐ Plant closing

☐ Federal, state, or local requirement, specify: _____

☐ Voluntary reduction

6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Climate Challenge, Energy Star Transformers), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes

☐ No

Part II. Specific Project Information

1. Project Type (*see instructions*):

☐ Heat rate or other efficiency improvement

☐ Availability improvement

☐ Fuel switching

☐ Increase in low-emitting capacity

☐ Decrease in high-emitting capacity

☐ Dispatching changes only

☐ High efficiency transformers

☐ Reconductoring

☐ Distribution voltage upgrade

☐ Other transmission and distribution

improvement, specify: _____

☐ Other, specify: _____

2. Project Scale:

☐ Full-scale/Commercial

☐ Pilot/Demonstration

3. Total Fuel/Energy Consumption:

| Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|----------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Use fuel codes found in Appendix B, unit of measure abbreviations in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 1 – Electricity Generation, Transmission, and Distribution

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

4. Changes in Total Fuel/Energy Consumption Due to Project (report reductions in fuel/energy consumed as negative values):

| Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|----------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Use fuel codes found in Appendix B, unit of measure abbreviations in Appendix D.
**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

5. List the Generating Units Included in this Project:

| Operator of Unit | Power Plant | Generating Unit | Capacity (MW) |
|------------------|-------------|-----------------|---------------|
| | | | |
| | | | |
| | | | |
| | | | |

6. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B).

| (A) | | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | | |
|----------------------------|---------------------------------|-------------------------------------|--------------------|------|------|------|------|----------|---------------------------------------|-----------------------------------------------------------------|------------------------------|--|--|
| Gas | Type of Emissions or Reductions | Unit of Measure (e.g., st, lbs, kg) | Physical Quantity* | | | | | Accuracy | Specify: High Moderate Not Determined | Emission Reductions in Future Years (Provide only if available) | Number of Years (After 1999) | | |
| | | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | | | |
| EMISSIONS | | | Direct | | | | | | | NA | NA | | |
| | | | Indirect | | | | | | | NA | NA | | |
| Other Gas (Specify): _____ | Direct | | | | | | | | | NA | NA | | |
| | Indirect | | | | | | | | | NA | NA | | |
| REDUCTIONS | | | Direct | | | | | | | | | | |
| | | | Indirect | | | | | | | | | | |
| Other Gas (Specify): _____ | Direct | | | | | | | | | | | | |
| | Indirect | | | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 1 – Electricity Generation, Transmission, and Distribution

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic, average of years: _____
- ☐ Modified (*describe in Question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 2. Cogeneration and Waste Heat Recovery

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (check and complete one):☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____☐ Foreign Operations Only, list countries (use codes in Appendix F): _____

4. Date Project Became Operational: _____

Month _____ Year _____

5. Reasons for Project (complete all that apply):

☐ Plant closing☐ Federal, state, or local requirement, specify: _____☐ Voluntary reduction

6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Climate Wise Recognition Program, NICE3 Industrial Pollution Prevention Grants Program), please list such programs below (use the codes in Appendix H):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes☐ No

Part II. Specific Project Information

1. Fuel Consumption:

| | Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|------------|----------------------|------------------|------------|------|------|------|------|------|
| | | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Reference: | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Actual: | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

*Use fuel codes found in Appendix B, unit of measure abbreviations in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

2. Project Size (complete all that apply):

| Size Measure | Unit of Measure* | Quantity** | | | | | |
|----------------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Generation Nameplate Capacity | MW | | | | | | |
| Total Energy Savings | MMBtu | | | | | | |
| Quantity of Waste Heat Recovered | MMBtu | | | | | | |

*See unit of measure abbreviations in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

3. Electricity Metering Configuration (check all that apply):

☐ Gross energy☐ Surplus energy☐ Net energy☐ Time-of-day

Part II Continues on back

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Schedule II, Section 2 – Cogeneration and Waste Heat Recovery

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

4. End-Use of Thermal Energy (check all that apply):

- ☐ Process heating
- ☐ Machine drive
- ☐ Electrochemical process
- ☐ Process cooling and refrigeration
- ☐ Heating, ventilation, and air conditioning
- ☐ Industrial process heat
- ☐ Pre-heat fuel or combustion air
- ☐ Electricity generation
- ☐ Other, specify: _____

5. Source of Waste Heat Energy Recovered (check all that apply):

- ☐ Waste process heat
- ☐ Hot flue gases
- ☐ Hot process fluids
- ☐ Other, specify: _____

6. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B).

| (A) | (B) | Physical Quantity* | | | | | (I) | (J) | (K) |
|----------------------------|---------------------------------|-------------------------------------|------|------|------|------|------|------|---------------------------------------|
| | | | | | | | | | |
| Gas | Type of Emissions or Reductions | Unit of Measure (e.g., st, lbs, kg) | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Accuracy |
| | | | | | | | | | Specify: High Moderate Not Determined |
| EMISSIONS | | | | | | | | | |
| CO ₂ | Direct | | | | | | | | NA |
| | Indirect | | | | | | | | NA |
| Other Gas (Specify): _____ | Direct | | | | | | | | NA |
| | Indirect | | | | | | | | NA |
| REDUCTIONS | | | | | | | | | |
| CO ₂ | Direct | | | | | | | | |
| | Indirect | | | | | | | | |
| Other Gas (Specify): _____ | Direct | | | | | | | | |
| | Indirect | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 2 – Cogeneration and Waste Heat Recovery

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic, average of years: _____
- ☐ Modified (*describe in Question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 3. Energy End Use

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):☐ Plant closing☐ Federal, state, or local requirement, specify: _____☐ Voluntary reduction6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Green Lights, Energy Star Buildings Program), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes☐ No

Part II. Specific Project Information

1. Project Type (*check all that apply*):☐ Equipment and appliances☐ Lighting and lighting control☐ Load control☐ Heating, ventilating, and air conditioning☐ Building shell improvement☐ Motor and motor drive☐ Fuel switching☐ Urban forestry (*Are sequestration effects for this project reported separately in Section 8?* ☐ Yes ☐ No)☐ Other, specify: _____2. Load Shape Effects (*check all that apply*):☐ Energy efficiency☐ Load building☐ Load shifting☐ Peak clipping☐ Valley filling3. Identify Sector(s) of Energy User(s) Affected by Project (*check all that apply*):☐ Residential☐ Commercial☐ Industrial☐ Agricultural

4. Project Scale:

☐ Full-scale/Commercial☐ Pilot/Demonstration

Schedule II, Section 3 – Energy End Use

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

5. Net Change in Energy/Fuel Consumption (report reductions in energy/fuel consumed as negative values):

| Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|-------------------------|---------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Use fuel codes found in Appendix B, unit of measure abbreviations in Appendix D.
**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

6. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B).

| (A) | | (B) | Physical Quantity* | | | | | (I) | (J) | (K) | | |
|----------------------------|---------------------------------|-------------------------------------|--------------------|------|------|------|------|------|---------------------------------------|-----|--|--|
| | | | | | | | | | | | | |
| Gas | Type of Emissions or Reductions | Unit of Measure (e.g., st, lbs, kg) | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Accuracy | | | |
| | | | | | | | | | Specify: High Moderate Not Determined | | | |
| EMISSIONS | | | | | | | | | NA | NA | | |
| | | | | | | | | | NA | NA | | |
| Other Gas (Specify): _____ | Direct | | | | | | | | NA | NA | | |
| | Indirect | | | | | | | | NA | NA | | |
| REDUCTIONS | | | | | | | | | | | | |
| | | | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 3 – Energy End Use

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic, average of years: _____
- ☐ Modified (*describe in Question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project. (If you are a participant in a utility-sponsored, demand-side management program, please identify the sponsoring utility): _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 4. Transportation and Off-Road Vehicles

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (check and complete one):☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____☐ Foreign Operations Only, list countries (use codes in Appendix F): _____

4. Date Project Became Operational: _____

Month _____ Year _____

5. Reasons for Project (complete all that apply):

☐ Plant closing☐ Federal, state, or local requirement, specify: _____☐ Voluntary reduction

6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Climate Challenge) please list such programs below (use the codes in Appendix H):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes☐ No

Part II. Specific Project Information

1. Project Type (check all that apply):

☐ Marketing or manufacturing of more efficient vehicles☐ Marketing or manufacturing of more efficient components☐ Marketing or manufacturing of alternative fuel vehicles☐ Operation of more efficient vehicles☐ Use of more efficient components☐ Operation of alternative fuel vehicles☐ Demand modification (check all that apply):☐ Carpooling/vanpooling☐ Mass transit☐ Employee parking buyout☐ Telecommuting☐ Other demand modification, specify: _____☐ Service efficiency improvements (e.g., improved routing)☐ Driver/operator training☐ Infrastructure improvement☐ Accelerated scrappage☐ Other, specify: _____

2. Mode (check all that apply):

☐ Road☐ Rail☐ Air☐ Water

3. Fuel(s) Saved or Displaced:

| Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|----------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Use fuel codes found in Appendix B, unit of measure abbreviations in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 4 – Transportation and Off-Road Vehicles

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)**4. Fuel Switching** (*Indicate type and quantity of alternative fuel(s) used:*)

| Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|----------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

***Use fuel codes found in Appendix B, unit of measure abbreviations in Appendix D.**
****To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.**

5. Project Scale:☐ Full-scale/Commercial☐ Pilot/Demonstration**6. Project Size** (*Provide yearly quantities for the most appropriate unit(s) below:*)

| Size Measure | Unit of Measure* | Quantity** | | | | | |
|-------------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Vehicles | Number | | | | | | |
| Vehicle components | Number | | | | | | |
| Passengers | Number | | | | | | |
| Vehicle Miles Traveled | Miles | | | | | | |
| Other, specify: | | | | | | | |

***Use standard abbreviations for units of measure found in Appendix D.**
****To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.**

7. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix I to indicate the unit of measure in column (B).

| (A) | Type of Emissions or Reductions | (B) Unit of Measure (e.g., st, lbs, kg) | (C) | (D) | (E) | (F) | (G) | (H) | (I) Accuracy Specify: High Moderate Not Determined | (J) Emission Reductions in Future Years (Provide only if available) Annual Average | (K) Number of Years (After 1999) |
|------------|---------------------------------|-----------------------------------------------|------|------|------|------|------|------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| | | | | | | | | | | | |
| | CO ₂ | Direct | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | NA | NA |
| | | Indirect | | | | | | | | NA | NA |
| | Other Gas (Specify): _____ | Direct | | | | | | | | NA | NA |
| | | Indirect | | | | | | | | NA | NA |
| EMISSIONS | | | | | | | | | | | |
| | CO ₂ | Direct | | | | | | | | | |
| | | Indirect | | | | | | | | | |
| | Other Gas (Specify): _____ | Direct | | | | | | | | | |
| | | Indirect | | | | | | | | | |
| REDUCTIONS | | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 4 – Transportation and Off-Road Vehicles

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic average of years: _____
- ☐ Modified (*describe in Question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 5. Waste Treatment and Disposal - Methane

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):☐ Plant closing☐ Federal, state, or local requirement, specify: _____☐ Voluntary reduction6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Landfill Methane Outreach Program), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes☐ No

Part II. Specific Project Information

1. Type of Facility (*check all that apply*):☐ Landfill☐ Wastewater treatment☐ Other waste facility, specify: _____2. Type of Waste Handled (*check all that apply*):☐ Municipal solid waste☐ Includes yard waste☐ Does not include yard waste☐ Industrial solid waste☐ Municipal wastewater☐ Industrial wastewater☐ Includes pulp and paper wastes☐ Does not include pulp and paper wastes☐ Other, specify: _____3. Project Type (*check all that apply*):☐ Biogas recovery☐ Methane recovery for energy☐ Methane flaring☐ Methane emissions avoided☐ Waste stream modification☐ Altered wastewater treatment☐ Other, specify: _____

4. Project Size: Complete all rows that apply (see instructions).

| Fuel or Energy Type* | Unit of Measure* | Quantity** | | | | | |
|----------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Acreage affected | a | | | | | | |
| Waste in place affected | | | | | | | |
| No. of vertical wells | n | | | | | | |
| Length of horizontal wells | | | | | | | |
| Digester capacity | | | | | | | |
| Daily wastewater load | | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 5 – Waste Treatment and Disposal - Methane

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

5. Biogas Recovery and Use: Complete all rows that apply (see instructions).

| Description | Unit of Measure* | Quantity** | | | | | |
|------------------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Total volume of gas recovered | | | | | | | |
| Avg. heat content of gas recovered | Btu/scf | | | | | | |
| Volume of gas used on-site | | | | | | | |
| Volume of gas sold | | | | | | | |
| Electricity generated | | | | | | | |
| Volume of gas flared | | | | | | | |
| Other: _____ | | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.
**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

6. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B). For instructions on converting volume of gas recovered (or emissions avoided) to reductions in methane emissions in units of mass, see Note 3 on p.16 of the Instructions.

| (A) | (B) | Physical Quantity * | | | | | (I) | (J) | (K) |
|-------------------|-----------------------------------|-------------------------------------|------|------|------|------|---------------------------------------|-----------------------------------------------------------------|------------------------------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Emission Reductions in Future Years (Provide only if available) | |
| Gas | Type of Emissions or Reductions | Unit of Measure (e.g., st, lbs, kg) | | | | | Accuracy | Annual Average | Number of Years (After 1999) |
| | | | | | | | Specify: High Moderate Not Determined | | |
| EMISSIONS | CH₄ | Direct | | | | | | NA | NA |
| | | Indirect | | | | | | NA | NA |
| | Other Gas (Specify): _____ | Direct | | | | | | NA | NA |
| | | Indirect | | | | | | NA | NA |
| REDUCTIONS | CH₄ | Direct | | | | | | | |
| | | Indirect | | | | | | | |
| | Other Gas (Specify): _____ | Direct | | | | | | | |
| | | Indirect | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 5 – Waste Treatment and Disposal - Methane

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year:_____
 - ☐ Basic, average of years:_____
 - ☐ Modified (*describe in Question 4, Estimation Method, below*)
- If you calculated emission reductions based on metered gas volumes and have not used a reference case, please check “Modified.”

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____%)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 6. Agriculture - Methane and Nitrous Oxide

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location: _____

☐ U.S. Only (check and complete one):☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____☐ Foreign Operations Only, list countries (use codes in Appendix F): _____

4. Date Project Became Operational: _____

Month _____ Year _____

5. Reasons for Project (complete all that apply):

☐ Plant closing☐ Federal, state, or local requirement, specify: _____☐ Voluntary reduction

6. Participation in Voluntary Programs: If your actions represent participation in a voluntary program (e.g., Ruminant Livestock Methane Program), please list such programs below (use the codes in Appendix H):

Program(s): _____

Other programs, specify: _____

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes☐ No

Part II. Specific Project Information

1. Type of Facility:

☐ Livestock (check all that apply)☐ Dairy☐ Cow/calf☐ Stocker☐ Feedlot☐ Swine☐ Poultry☐ Other, specify: _____☐ Cropland☐ Other, specify: _____

2. Project Type (check all that apply):

☐ Methane emissions avoided☐ Rice field drainage☐ Reduced livestock production☐ Improved livestock productivity (complete table as applicable):

| Productivity Measure | Unit of Measure* | Quantity** | | | | | |
|-----------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Calving percentage | % | | | | | | |
| Average weaning weight | | | | | | | |
| Milk yield per cow | | | | | | | |
| Average age at slaughter | | | | | | | |
| Average weight at slaughter | | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

☐ Biogas recovery☐ Manure management

Specify management system:

1991: _____

1992: _____

1993: _____

1994: _____

1995: _____

1996: _____

1997: _____

1998: _____

1999: _____

☐ Improved nutrients management☐ Other, specify: _____

Part II Continues on back

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Schedule II, Section 6 – Agriculture - Methane and Nitrous Oxide

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)**3. Project Size:** *Complete all rows that apply (see instructions).*

| Size Measure | Unit of Measure* | Quantity* | | | | | |
|------------------------------|------------------|-----------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Area affected (crop: _____) | a | | | | | | |
| Area affected (crop: _____) | a | | | | | | |
| Volume of waste managed | _____/day | | | | | | |
| No. of animals (type: _____) | NA | | | | | | |
| No. of animals (type: _____) | NA | | | | | | |
| No. of animals (type: _____) | NA | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

4. Biogas Recovered and Use: *Complete all rows that apply (see instructions).*

| Description | Unit of Measure* | Quantity** | | | | | |
|------------------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Total volume of gas recovered | | | | | | | |
| Avg. heat content of gas recovered | Btu/scf | | | | | | |
| Volume of gas used on-site | | | | | | | |
| Volume of gas sold | | | | | | | |
| Electricity generated | | | | | | | |
| Volume of gas flared | | | | | | | |
| Other: _____ | | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

5. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B).

| (A) | (B) | Physical Quantity * | | | | | (I) | (J) | (K) | |
|-------------------|----------------------------|---------------------|---------------------------------|-------------------------------------|------|------|-----|-----|-----|------|
| | | Gas | Type of Emissions or Reductions | Unit of Measure (e.g., st, lbs, kg) | 1994 | 1995 | | | | 1996 |
| EMISSIONS | CH ₄ | Direct | | | | | | | NA | NA |
| | | Indirect | | | | | | | NA | NA |
| | Other Gas (Specify): _____ | Direct | | | | | | | NA | NA |
| | | Indirect | | | | | | | NA | NA |
| REDUCTIONS | CH ₄ | Direct | | | | | | | | |
| | | Indirect | | | | | | | | |
| | Other Gas (Specify): _____ | Direct | | | | | | | | |
| | | Indirect | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 6 – Agriculture - Methane and Nitrous Oxide

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
 - ☐ Basic, average of years: _____
 - ☐ Modified (*describe in Question 4, Estimation Method, below*)
- If you calculated emission reductions based on metered gas volumes and have not used a reference case, please check “Modified.”

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____%)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 7. Oil and Natural Gas Systems and Coal Mining - Methane

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):

☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____

☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):

☐ Plant closing

☐ Federal, state, or local requirement, specify: _____

☐ Voluntary reduction

6. Participation in Voluntary Programs: If your actions represent participation in a voluntary program (e.g., Coalbed Methane Outreach Program), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes

☐ No

Part II. Specific Project Information

1. Project Location (*check all that apply*):

☐ Production

☐ Oil wells

☐ Natural gas wells

☐ Coal mines

☐ Surface mine

☐ Underground mine

☐ Longwall

☐ Room and pillar

☐ Other, specify: _____

☐ Natural gas processing

☐ Natural gas transmission

☐ Natural gas distribution

☐ Injection/withdrawal storage facilities

☐ Other, specify: _____

2. Project Type (*check all that apply*):

☐ Methane emissions avoided

☐ Reduction in gas vented due to increased flaring

☐ Change in operation and maintenance practices

☐ Equipment replacement and upgrade

☐ Natural gas reinjection

☐ Decreased production

☐ Other, specify: _____

☐ Gas recovery

☐ Reduction in natural gas vented due to recovery for energy

☐ Recovery of glycol dehydrator emissions

☐ Coal mine degasification

☐ pre-mining degasification

☐ recovery of mine ventilation air

☐ in-mine horizontal boreholes

☐ gob wells

☐ other, specify: _____

☐ Other, specify: _____

Schedule II, Section 7 – Oil and Natural Gas Systems and Coal Mining - Methane

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)**3. Project Size:** *Complete all rows that apply (see instructions).*

| Size Measure | Unit of Measure* | Quantity** | | | | | |
|--------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Length of pipe | mi | | | | | | |
| Number of stations | n | | | | | | |
| Devices, specify: | NA | | | | | | |
| Number of wells | n | | | | | | |
| Coal production in mines | kst | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

4. Gas Recovery and Use: *Complete all rows that apply (see instructions).*

| Description | Unit of Measure* | Quantity** | | | | | |
|------------------------------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Total volume of gas recovered | | | | | | | |
| Avg. heat content of gas recovered | Btu/scf | | | | | | |
| Volume of gas used on-site | | | | | | | |
| Volume of gas sold | | | | | | | |
| Electricity generated | | | | | | | |
| Volume of gas flared | | | | | | | |
| Other: | | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

5. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B). For instructions on converting volume of gas recovered (or emissions avoided) to reductions in methane emissions in units of mass, see Note 3 on p.16 of the Instructions.

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) |
|-------------------|-----------------------------------|-----------------|------|------|------|------|------|---------------------------------------|----------------|-----------|
| | | | | | | | | | | |
| Gas | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Specify: High Moderate Not Determined | Annual Average | |
| EMISSIONS | CH₄ | Direct | | | | | | | NA | NA |
| | | Indirect | | | | | | | NA | NA |
| | Other Gas (Specify): _____ | Direct | | | | | | | NA | NA |
| | | Indirect | | | | | | | NA | NA |
| REDUCTIONS | CH₄ | Direct | | | | | | | | |
| | | Indirect | | | | | | | | |
| | Other Gas (Specify): _____ | Direct | | | | | | | | |
| | | Indirect | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 7 – Oil and Natural Gas Systems and Coal Mining - Methane

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
 - ☐ Basic, average of years: _____
 - ☐ Modified (*describe in Question 4, Estimation Method, below*)
- If you calculated emission reductions based on metered gas volumes and have not used a reference case, please check “Modified.”

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____%)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 8. Carbon Sequestration

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):

☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____

☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):

☐ Plant closing

☐ Federal, state, or local requirement, specify: _____

☐ Voluntary reduction

6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Climate Challenge, Cool Communities), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes

☐ No

Part II. Specific Project Information

1. Project Type (*check all that apply*):

☐ Afforestation

☐ Reforestation

☐ Urban forestry (*Are energy efficiency gains for this project reported separately in Section 3?* ☐ Yes ☐ No)

☐ Forest preservation

☐ Modified forest management

☐ Agroforestry

☐ Woody biomass production

☐ Wood products

☐ Conservation tillage

☐ Other, specify: _____

2. Forest Composition of the Activity, if applicable (*e.g., 100% Oak-Hickory or 50% Oak-Hickory and 50% Loblolly Pine*):

3. Historic Land Use (*check all that apply*):

☐ Forest, specify type: _____

☐ Pasture

☐ Cropland, specify crop type: _____

☐ Not applicable

☐ Other, specify: _____

4. Reference Case Land Use (*check all that apply*):

☐ Forest, specify type: _____

☐ Pasture

☐ Cropland, specify crop type: _____

☐ Not applicable

☐ Other, specify: _____

Schedule II, Section 8 – Carbon Sequestration

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

5. Project Characteristics (enter NA in table if item is not applicable):

| Size Measure | Unit of Measure* | Quantity in Each Year** | | | | | |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Area affected during year | | | | | | | |
| Trees planted during year | <input type="checkbox"/> Number <input type="checkbox"/> Number per acre <input type="checkbox"/> Number per hectare | | | | | | |
| Mean age of trees (or stands) during year | yr | | | | | | |
| Timber productivity | Change in ft ³ volume growth per acre | | | | | | |
| Planned harvest age | yr | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D (e.g., a, ha, yr).
**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

6. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Sequestration

Complete table for sequestration and emission reductions (or increases). Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B). For specific instructions on completing this table, see Note 4 on p.16 of the Instructions. To obtain a worksheet for estimating sequestration for urban forestry projects, call the Voluntary Reporting of Greenhouse Gases Communications Center at 1-800-803-5182.

| (A) | (B) | Physical Quantity* | | | | | (I) | (J) | (K) |
|---------------|--------------------------------------------|-------------------------------------|----------|------|------|------|------|--------------------------------------------------------------------------|------------------------------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Sequestration and Reductions in Future Years (Provide only if available) | |
| Substance | Type of Sequestration or Reductions | Unit of Measure (e.g., st, lbs, kg) | Accuracy | | | | | Annual Average | Number of Years (After 1999) |
| | | | | | | | | | |
| | Carbon | Total Storage | | | | | | NA | NA |
| | | Increase | | | | | | | |
| | Equivalent Quantity of CO2 (Carbon x 3.67) | Total Storage | | | | | | NA | NA |
| | | Increase | | | | | | | |
| SEQUESTRATION | | | | | | | | | |
| | CO2 | Direct | | | | | | | |
| | | Indirect | | | | | | | |
| | Other Gas (Specify): _____ | Direct | | | | | | | |
| | | Indirect | | | | | | | |
| REDUCTIONS | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 8 – Carbon Sequestration

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic, average of years: _____
- ☐ Modified (*describe in Question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the sequestration and emissions consequences of the project, including tree species, age of trees, and number of trees in each species/age class, data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 9. Halogenated Substances

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):

☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____

☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):

☐ Plant closing

☐ Federal, state, or local requirement, specify: _____

☐ Voluntary reduction

6. Participation in Voluntary Programs: If this project is associated with any voluntary programs (e.g., Voluntary Aluminum Industrial Partnership), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes

☐ No

Part II. Specific Project Information

1. Project Type:

☐ Reclamation (*indicate type*):

☐ Recycling

☐ Destruction

☐ Substitution

☐ Emission avoidance

☐ Use of improved appliances

☐ Other, specify: _____

2. Source of Halogenated Substance (*check all that apply*):

☐ Production for commercial sale

☐ Production for own use

☐ Byproduct in the production of other materials

☐ Purchased for use

3. Use of Halogenated Substance (*check all that apply*):

☐ Working gas

☐ Solvent

☐ Insulator

☐ Fire suppressant

☐ Foam blowing

☐ None

☐ Other, specify: _____

4. Type of Emissions Affected:

☐ Fugitive

☐ Nonfugitive

Schedule II, Section 9 – Halogenated Substances

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

5. Project Size:

| Size Measure | Unit of Measure* | Quantity** | | | | | |
|--------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

***Use standard abbreviations for units of measure found in Appendix D.**
****To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.**

6. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B).

| (A) | Type of Emissions or Reductions | (B) Unit of Measure (e.g., st, lbs, kg) | Physical Quantity* | | | | | (I) Accuracy Specify: High Moderate Not Determined | (J) Annual Average | (K) Number of Years (After 1999) | |
|-------------------|---------------------------------|-----------------------------------------------|--------------------|-------------|-------------|-------------|-------------|-----------------------------------------------------------------------|-----------------------|-------------------------------------|-------------|
| | | | (C) 1994 | (D) 1995 | (E) 1996 | (F) 1997 | (G) 1998 | | | | (H) 1999 |
| EMISSIONS | | | Direct | | | | | | | NA | NA |
| | | | Indirect | | | | | | | | NA |
| | | | Direct | | | | | | | NA | NA |
| | | | Indirect | | | | | | | | NA |
| REDUCTIONS | | | Direct | | | | | | | | |
| | | | Indirect | | | | | | | | |
| | | | Direct | | | | | | | | |
| | | | Indirect | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 9 – Halogenated Substances

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic, average of years: _____
- ☐ Modified (*describe in Question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule II. Project-Level Emissions and Reductions

Section 10. Other Emission Reduction Projects

Part I. General Project Information

1. Name of Entity: _____

2. Name of Project: _____

3. Location:

☐ U.S. Only (*check and complete one*):☐ Facility

Name: _____

Street address: _____

City, State, and ZIP code: _____

☐ Dispersed, specify: _____☐ Foreign Operations Only, list countries (*use codes in Appendix F*):

4. Date Project Became Operational:

Month _____ Year _____

5. Reasons for Project (*complete all that apply*):☐ Plant closing☐ Federal, state, or local requirement, specify: _____☐ Voluntary reduction6. Participation in Voluntary Programs: If your actions represent participation in a voluntary program (e.g., Climate Challenge, Waste Wi\$e Program), please list such programs below (*use the codes in Appendix H*):

Program(s): _____

Other programs, specify:

Program: _____

Sponsor: _____

7. Was this Project Reported Last Year?

☐ Yes☐ No

Part II. Specific Project Information

1. Project Type:

☐ Coal ash reuse☐ Other materials recycling/reuse☐ Waste/source reduction☐ Underground injection of carbon dioxide☐ Reduction of process emissions☐ Research and development programs☐ Education and training programs☐ Other, specify: _____

2. Project Scale:

☐ Full-Scale/Commercial☐ Pilot/Demonstration3. Project Size: *Indicate the size of your project using one or more appropriate measures in the space provided below.*

| Size Measure | Unit of Measure* | Quantity** | | | | | |
|--------------|------------------|------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Use standard abbreviations for units of measure found in Appendix D.

**To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 10 – Other Emission Reduction Projects

Name of Entity: _____

Name of Project: _____

Part II. Specific Project Information (Cont.)

4. Project Description:

Provide a general description of the project on which you are reporting. You may wish to include economic information on the costs and benefits of this project as well as any special conditions that would be necessary to replicate its achievements.

Name of Entity: _____

Name of Project: _____

Part III. Greenhouse Gas Emissions and Reductions

Complete table for emissions and reductions. Please use the standard abbreviations found in Appendix D to indicate the unit of measure in column (B).

| (A) | | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) |
|----------------------------|---------------------------------|-------------------------------------|--------------------|------|------|------|------|------------------------------------------------------------|-----------------------------------------------------------------|----------------|------------------------------|
| Gas | Type of Emissions or Reductions | Unit of Measure (e.g., st, lbs, kg) | Physical Quantity* | | | | | Accuracy Specify: High Moderate Not Determined | Emission Reductions in Future Years (Provide only if available) | | |
| | | | 1994 | 1995 | 1996 | 1997 | 1998 | | 1999 | Annual Average | Number of Years (After 1999) |
| EMISSIONS | | | | | | | | | | NA | NA |
| CO2 | Direct | | | | | | | | | | |
| | Indirect | | | | | | | | | NA | NA |
| Other Gas (Specify): _____ | Direct | | | | | | | | | NA | NA |
| | Indirect | | | | | | | | | NA | NA |
| REDUCTIONS | | | | | | | | | | | |
| CO2 | Direct | | | | | | | | | | |
| | Indirect | | | | | | | | | | |
| Other Gas (Specify): _____ | Direct | | | | | | | | | | |
| | Indirect | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Schedule II, Section 10 – Other Emission Reduction Projects

Name of Entity: _____

Name of Project: _____

Part IV. Project Evaluation

1. Reference Case:

- ☐ Basic, single year: _____
- ☐ Basic, average of years: _____
- ☐ Modified (*describe in question 4, Estimation Method, below*)

2. Reports to Other Agencies:

Please list any other government bodies to which you report information on this project.

| Government Body | Reference Number |
|-----------------|------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

3. Multiple Reporting:

Identify any other entity(ies) that could report on the effects of this project: _____

This report contains information on (*check one*):

- ☐ Entire project
- ☐ A portion of the project (_____ %)

4. Estimation Method:

Provide a detailed description of the estimation method used in assessing the emissions consequences of the project, including data sources, assumptions, and equations or emissions coefficients.

Schedule III. Entity-Level Emissions and Reductions

Name of Entity: _____

Location of Activities, check appropriate box: ☐ Domestic ☐ Foreign

Part Ia. Direct Emissions

| (A) Source of Emissions Greenhouse Gas | (B) Unit of Measure | (C) Baseline Emissions | | | | (D) Annual Emissions* | | | | | |
|-------------------------------------------|---------------------------|------------------------|------|------|------|-----------------------|------|------|------|------|------|
| | | 1987 | 1988 | 1989 | 1990 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| 1. Stationary Combustion | | | | | | | | | | | |
| Carbon Dioxide | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| 2. Transportation | | | | | | | | | | | |
| Carbon Dioxide | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| 3. Other Direct Sources | | | | | | | | | | | |
| Carbon Dioxide | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Part Ib. Reductions in Direct Emissions

Unit of Measure

Choose your units of measure from those listed in Appendix D. Select any units which are convenient, provided they are units of mass. You will be asked to sum your emissions and reductions for each gas in Part IV; therefore, it would be prudent to use a consistent unit of mass across all Parts of Schedule III for each gas reported.

Other Gases

If you are reporting emissions and reductions of gases other than carbon dioxide, codes for these gases may be found in Appendix A of the Instructions.

| (A) Source of Reduction Greenhouse Gas | (B) Reference Case Type Basic/Modified | (C) Unit of Measure | (D) Annual Reductions* | | | | | |
|-------------------------------------------|----------------------------------------------|---------------------------|------------------------|------|------|------|------|------|
| | | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| 1. Stationary Combustion | | | | | | | | |
| Carbon Dioxide | | | | | | | | |
| Other, specify code: | | | | | | | | |
| 2. Transportation | | | | | | | | |
| Carbon Dioxide | | | | | | | | |
| Other, specify code: | | | | | | | | |
| 3. Other Direct Sources | | | | | | | | |
| Carbon Dioxide | | | | | | | | |
| Other, specify code: | | | | | | | | |
| Other, specify code: | | | | | | | | |
| Other, specify code: | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Name of Entity: _____

Location of Activities, check appropriate box: ☐ Domestic ☐ Foreign**Part IIa. Indirect Emissions**

| (A) Source of Emissions Greenhouse Gas | (B) Unit of Measure | (C) Baseline Emissions | | | | (D) Annual Emissions* | | | | | |
|---------------------------------------------------------|---------------------------|------------------------|------|------|------|-----------------------|------|------|------|------|------|
| | | 1987 | 1988 | 1989 | 1990 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| 1. Power Transactions | | | | | | | | | | | |
| Indirect CO ₂ from Purchased Power | | | | | | | | | | | |
| CO ₂ Associated with Electricity Wholesaling | | | | | | | | | | | |
| Net CO ₂ from Power Transactions | | | | | | | | | | | |
| 2. Other Indirect Sources | | | | | | | | | | | |
| Carbon Dioxide | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Part IIb. Reductions in Indirect Emissions**Reference Case Type**

In the column labelled "Reference Case Type," please write in whether the reduction was computed using a "Basic" or "Modified" reference case. You will be asked to elaborate on this information in Part V.

Other Gases

If you are reporting emissions and reductions of gases other than carbon dioxide, codes for these gases may be found in Appendix A of the Instructions.

| (A) Source of Reduction Greenhouse Gas | (B) Reference Case Type Basic/Modified | (C) Unit of Measure | (D) Annual Reductions* | | | | | |
|---------------------------------------------------------|----------------------------------------------|---------------------------|------------------------|------|------|------|------|------|
| | | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| 1. Power Transactions | | | | | | | | |
| Indirect CO ₂ from Purchased Power | | | | | | | | |
| CO ₂ Associated with Electricity Wholesaling | | | | | | | | |
| Net CO ₂ from Power Transactions | | | | | | | | |
| 2. Other Indirect Sources | | | | | | | | |
| Carbon Dioxide | | | | | | | | |
| Other, specify code: | | | | | | | | |
| Other, specify code: | | | | | | | | |
| Other, specify code: | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Part III. Sinks and Sequestration**Equivalent Quantity of CO2**

The carbon dioxide equivalent of your sequestration is simply the amount of carbon sequestered multiplied by 3.67 (the ratio of the weight of carbon dioxide to that of carbon).

Location of Sequestration Activities, check appropriate box: ☐ Domestic ☐ Foreign

| (A) Substance | (B) Unit of Measure | (C) Annual Sequestration* | | | | | |
|----------------------------|---------------------|---------------------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Carbon | | | | | | | |
| Equivalent Quantity of CO2 | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Part IVa. Total Emissions

| (A) Greenhouse Gas | (B) Unit of Measure | (C) Baseline Emissions | | | | (D) Annual Emissions* | | | | | |
|----------------------|---------------------|------------------------|------|------|------|-----------------------|------|------|------|------|------|
| | | 1987 | 1988 | 1989 | 1990 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Carbon Dioxide | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |
| Other, specify code: | | | | | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Part IVb. Total Reductions**Totaling Emissions and Reductions**

Your Total Emissions are the sum of your emissions in Part Ia and Part IIa of both foreign and domestic activities. Your Total Emission Reductions are the sum of Parts Ib, IIb, and III of both foreign and domestic activities. Be sure to use consistent units for each gas in your summations; and when computing reductions, use the values from Equivalent Quantity of CO2 reported in Part III.

| (A) Greenhouse Gas | (B) Unit of Measure | (C) Annual Reductions* | | | | | |
|----------------------|---------------------|------------------------|------|------|------|------|------|
| | | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| Carbon Dioxide | | | | | | | |
| Other, specify code: | | | | | | | |
| Other, specify code: | | | | | | | |
| Other, specify code: | | | | | | | |
| Other, specify code: | | | | | | | |

*To report data for 1991 through 1993, attach a separate sheet or add a note to the estimation method.

Part V. Additional Information is located on the reverse side of this page.

Schedule III, Entity-Level Emissions and Reductions

Name of Entity: _____

Part V. Additional Information

1. Estimation Method. Please describe the methods used to determine your emissions and reductions. Be sure to identify the reference case used for each category of emissions (e.g., stationary combustion, transportation, etc.). Information on the reference cases should include whether the reference case is basic or modified, what years were used to construct the reference case, what assumptions were made in developing the reference case, and the data sources used in developing both the reference case and the reported emissions.

2. Scope of the Report. Please describe what this entity-level report covers. This description should identify all emissions sources and sinks included in your emissions and reductions estimates. Furthermore, you should identify all facilities included in the reported estimates.

3. Supplementary Information. If you have reported reductions at the entity level or wish to explain any year-to-year changes in your entity emissions, you may submit a one page summary of the causes for these reductions or changes. This submission should include a list of the projects reported on Schedule II and the reductions attributed to these projects. You may also indicate which, if any, of these projects you consider to be offsets. It is not expected that the sum of such reductions will equal the net reduction reported in Part IV; consequently, you may wish to identify any other factors that may have contributed to any changes in entity-level emissions. Such factors might include changes in weather from year-to-year, changes in overall production levels, outsourcing of emissions, and changes in operational and maintenance procedures.

Name of Entity:

Section 1. Entity Commitments

When completing column E, see Appendix D for a listing of acceptable units of measure; see Appendix A for a listing of gases other than carbon dioxide.

| (A) | (B) | (C) | (D) | (E) | (F) | (G) |
|---------------------------|---------------------------------------------------------------------|------------------------------------------------|-------------------|-----------------|----------|--------------|
| Description of Commitment | Reference Case Type (Check one) | Voluntary Program (use codes in Appendix H) | Entity Commitment | | | Horizon Year |
| | | | Gas | Unit of Measure | Quantity | |
| 1 | <input type="checkbox"/> Basic <input type="checkbox"/> Modified | | | | | |
| 2 | <input type="checkbox"/> Basic <input type="checkbox"/> Modified | | | | | |

Section 2. Financial Commitments

| (A) | (B) | (C) | (D) | (E) | (F) | (G) |
|----------------------------|------------------------------------------------|-------------------------------------------|----------------------------------------------------|---------------------------|-------------------|-----------------------------------|
| Description of Expenditure | Voluntary Program (use codes in Appendix H) | Project Type (use codes in Appendix I) | Total Financial Commitment or Specific Expenditure | Year Expenditure Complete | 1999 Expenditures | Project ID Code (EIA use only) |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |

Additional Information

In the space below, you may include additional information on your commitments to reduce greenhouse gases and sequester carbon. If you require additional space to describe these commitments, please attach an additional sheet. Be sure to include your entity name (as specified on Schedule I) and the schedule, section, and description of the commitment (e.g., Schedule IV, Section 3, "Efficient motors").

Section 3. Commitments to Emission Reduction or Sequestration Projects

When completing column F, see Appendix D for a listing of acceptable units of measure; see Appendix A for a listing of gases other than carbon dioxide.

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|--------------------------------|-----------------|----------|-------------------|----------|--------------|--------------------------------------------------------|
| Description of Project <small>(For commitments corresponding to projects reported in Schedule II, describe the project using the same name as reported in Schedule II.)</small> | Voluntary Program <small>(use codes in Appendix H)</small> | Project Type <small>(use codes in Appendix I)</small> | Reported on Schedule II? <small>(Y or N)</small> | Emission Reduction Commitments | | | Other Commitments | | Horizon Year | Project Tracking Code <small>(EIA use only)</small> |
| | | | | Gas | Unit of Measure | Quantity | Unit of Measure | Quantity | | |
| Example 1. Fleet Conversion to Natural Gas Vehicles | NA | 423 | N | CO2 | kg | 24,800 | light trucks | 200 | 2004 | |
| Example 2. Tree Planting | NA | 611 | N | | | | seedlings | 1,200 | 2014 | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |